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“DIE EUROPAEISCHEN TORFMOOSE.”

A Correction. In my notice of this work in the November issue of the *BRYOLOGIST* (Vol. IX, p. 102) there is an unfortunate slip as to the number of plates. There are eleven and not eight as stated in my notice.

WM. EDW. NICHOLSON,
Lewes, 17th Nov., 1906.

IS *PHYSCOMITRIUM IMMERSUM* A GREGARIOUS MOSS?

JOHN M. HOLZINGER.

This pygmy in the genus to which it is referred, according to Mrs. E. G. Britton's account in her Revision of the Genus *Physcomitrium* in Bull. Tor. Club, Vol. 21, No. 5, May 25, 1894, has an extensive range from New York to Kansas, from Colorado to Quebec. I have had it under observation near Winona, Minn., for over twelve years, looking up its haunts annually. In all these years I have never succeeded in finding more than a few plants in a tuft, the little plants seemingly preferring to stand alone, *isolated*, among the hepatics which seek the same moist substratum. The three hepatics, among which I uniformly find it, were recently determined for me by Dr. A. W. Evans as *Ricciocarpus natans* (L.) Corda, *Riccia fluitans* L., both terrestrial forms, and *Anthoceros Macounii* M. A. Howe, which last determination Dr. Evans had verified by Dr. Howe himself. Incidentally, Dr. Evans points out, this extends the range of *Anthoceros Macounii* into the United States, its type station being in Canada. One or the other of these terrestrial hepatics, and in some cases even all of them, may be found associated with *Physcomitrium immersum* sent out by me, and indeed the nature of its recurrence here compels me to include an excess of these hepatics with a relatively scant amount of the *Physcomitrium*. Another plant that will frequently be found in the pockets is *Ephemerum crassinervium* with its great abundance of protonema. *Physcomitrium immersum* will be distributed in fascicle ten of my Musci Acrocarpi, now in process of preparation.

Winona, Minn.

SULLIVANT MOSS CHAPTER ANNUAL REPORTS. REPORT OF THE PRESIDENT.

The past year has been one of great prosperity for the Sullivant Moss Chapter: a gain of thirteen per cent. has been made in the membership; the intensive study of local floras has increased; especial interest has been manifested in the study of the lichens and hepatics, as is shown by the increased space devoted to them in the last volume of the *BRYOLOGIST*; and the various herbaria belonging to the Chapter are fast becoming of consulting value to students of the distribution of North American Plants.

At the founding of the Chapter, one purpose was to bring the various isolated moss students throughout the country into closer touch with one another. As evidence of the success of this plan, it is only necessary to consider the contributions which are constantly being made by Chapter mem-

bers to the exsiccatae issued by Dr. Grout and Prof. Holzinger. In addition to this, however, it is increasingly evident from the letters of individual members, that a spirit of service is rapidly developing which augurs well for the future prosperity of the Chapter.

The character of the offerings made in each issue of the *BRYOLOGIST* also deserves notice. During the past year there has been a gratifying increase in the number of rarer species offered. Every effort should be made to develop this department, not only for the value of the exchanges, but also because familiarity with the appearance of rarer species undoubtedly leads to their detection in new localities. Members are urged when making offerings to be especially careful to specify the locality, in which the specimens were collected. This practice enables those desiring specimens to choose offerings with greater ease, and prevent the receipt of the same species from localities already well represented in the applicant's herbarium. The same species, moreover, often varies greatly in exchange value and in appearance, according to whether it comes from the center of its known range or from a point near the limit. It is but courteous, therefore, that those making the offerings give some indication of the origin of the specimens.

In my last report I mentioned the value of local flora work. While it is perhaps too soon to attempt any correlation of the distribution of mosses, lichens, or hepatics, with the underlying geological formation, yet the various local lists which have recently been published in the *BRYOLOGIST*, or notes such as that of Prof. Holzinger upon *Grimmia glauca*, with its mention of the remarkable features of the driftless area in Minnesota, lay foundations upon which future workers will build.

Finally, I wish to extend my sincere thanks to the members for their ready response to the circular letter sent out in June, and for their willing co-operation in making the third meeting of the Chapter a success.

Respectfully submitted,

EDWARD B. CHAMBERLAIN,
President.

REPORT OF THE SECRETARY.

During the past year the Chapter has added twenty-three to its membership, ten have withdrawn, four died, giving a total of one hundred and sixty-five as listed in this number of the *BRYOLOGIST*.

The herbarium has been increased by a large number of interesting additions. The Rev. Mr. Watts, of Young, South Australia, has sent us a large collection of mosses from his locality. Mr. Nickolson, of England, has sent us specimens from England and the Continent. Mr. Haydock sends many from the White Mountains; Mr. Foster a lot from Wallowa, Oregon, with notes on the geological formation. Dr. Grout, Rev. Dupret, Cannon Lett of Ireland, Prof. Bonser of Spokane, Dr. Breckle of North Dakota, Miss Miller of Washington, D. C., and many others are contributors.

Thro the courtesy of Prof. Frye, of the University of Washington, many of our Pacific slope mosses have been obtained,

The southwestern portions of the United States and the Rocky Mountain regions, both north and south, are but poorly represented.

The herbarium is in good condition, but in order that it may remain so some provision should be made for the future. It should be kept in a tight wooden or tin lined box, possibly two boxes. In its present quarters, a large dry-goods box, it is open to the attacks of mice and insects. The herbarium is rapidly increasing in value and should be insured. This costs but little, and in case of fire, altho we all appreciate that no money can altogether replace a collection of this kind, the Secretary's mind would thereby be relieved.

The matter of offerings cannot be too strongly urged upon Chapter members; there is no locality that does not present something of interest to some other member. Generally about twenty-five specimens are sufficient for an offering, and from one to three species are enough at a time.

The Secretary wishes to thank the officers for their help and suggestions during the year, and wishes here to call attention to the work of his predecessor, Miss Miller, who was evidently a worker and had the Chapter affairs so systematized that the present incumbent has had little to do but to follow in her footsteps.

Attention should be called to the fact that the herbarium is always at the disposal of Chapter members and they can obtain loans of specimens at any time.

Respectfully,

Seattle, Wash.

JOHN W. BAILEY.

REPORT OF THE HEPATIC DEPARTMENT.

It is certainly gratifying to note the lively interest taken in this department. In response to my request several have sent in collections from various states. The largest sets have come from the following: Mr. E. B. Chamberlain, from Maine and Rhode Island; Mr. A. S. Foster, from Washington and Oregon; Dr. J. W. Bailey, from Washington; Mrs. E. B. Taylor, from Georgia and Florida; Miss M. F. Miller, from the Catskill Mts., New York; Mr. J. L. Sheldon, from West Virginia; Dr. A. J. Grout, from various localities. These, with many smaller collections, are substantial evidence of the efforts to make our Chapter Herbarium of practical value. By exchange we have acquired the following sets: Messieurs Grape and Arnell, thirty-six herbarium specimens from Sweden and Norway, capable of being divided into more than double that number, and these duplicates will bring in new sets. Messieurs Potier de la Verde and Charles Lacouture, sixteen and twenty-four herbarium specimens from France also capable of division. Mr. E. B. Chamberlain has given nineteen specimens from l'Herbier Boissier. Dr. Bailey's material from Washington has been devoted to offerings, by request, reserving a set for the herbarium. Sufficient material for eight hundred and thirty pockets was sent in this year, representing three hundred and thirty-one herbarium specimens, the remainder being duplicates. Again we acknowledge with pleasure our indebtedness to Dr. Alexander W. Evans for determinations and verifications of troublesome species. It is hoped that members will continue their generosity, and that their example will be a stimulus to others to collect and to study these charming forms. I shall be glad to give small sets to facilitate the work of those taking up the study of hepatics.

Respectfully submitted,

CAROLINE COVENTRY HAYNES.

REPORT OF THE LICHEN DEPARTMENT.

Interest in the lichens is unabated and many of the students have carried their explorations after specimens to a point beyond that of cursory examination. The more than three thousand specimens submitted for identification or verification during the past year have committed this department to considerable labor, but the time and effort have been cheerfully given. That portion of the Chapter Lichen Herbarium accumulated prior to Jan. 1, 1803, is in our charge. Accessions to the collection, except for an individual contribution of one hundred specimens, have been limited to three (3) numbers. It is to be regretted that voluntary gifts to the herbarium are not more numerous, but this does not diminish our thanks to those who have remembered.

Respectfully,
G. K. MERRIEL.

REPORT OF THE TREASURER.

The following statement for the year beginning December 1, 1905, and ending December 1, 1906, is respectfully submitted:

RECEIPTS.

| | |
|---------------------------------------|----------|
| By cash on hand December 1, 1905..... | \$ 40.59 |
| By dues from members..... | 166.90 |
| | <hr/> |
| | \$207.49 |

DISBURSEMENTS.

| | |
|------------------------------------------|----------|
| To the BRYOLOGIST..... | \$136.80 |
| To Miss Miller (express, etc.)..... | 13.75 |
| To Mr. Chamberlain (printing, etc.)..... | 6.14 |
| To Treasurer (postage, etc.)..... | 3.00 |
| | <hr/> |
| | \$159.69 |
| To cash on hand December 1, 1906..... | 47.80 |
| | <hr/> |
| | \$207.49 |

ANNIE MORRILL SMITH, Treasurer.

REPORT OF JUDGE OF ELECTION.

| | |
|-------------------------------------------|----|
| Whole number of votes cast..... | 15 |
| For President—Mr. E. B. Chamberlain..... | 15 |
| For Vice-President—Mr. G. K. Merrill..... | 14 |
| For Vice-President—Miss C. C. Haynes..... | 1 |
| For Secretary—Dr. J. W. Bailey..... | 15 |
| For Treasurer—Mrs. A. M. Smith..... | 15 |

Respectfully submitted,
J. FRANKLIN COLLINS.

OFFERINGS.

To Chapter Members only. For postage.

Mrs. Carolyn W. Harris, 125 St. Marks Ave., Brooklyn, N. Y. *Ramalina reticulata* (Nochd.) Krempelh. Collected by Mr. A. J. Hill, Victoria,

B. C.

- Mrs. Elizabeth M. Dunham, 53 Maple street, Auburndale, Mass. *Hylocomium proliferum* (L.) Lindb.; *H. triquetrum* (L.) B. & S. *Sphagnum squarrosum* Pers. Collected, Middle Dam, Maine.
- Miss Alice L. Crockett, Camden, Maine. *Sphagnum acutifolium* Ehrh. var. *pulchrum* Rl. forma *purpureum* Sch.; *S. recurvum* Pal. var. *majus* Angs. forma *fusco-virens*.
- Dr. J. F. Brenckle, Kulm, N. D. *Dicranella varia* (Hedw.) Schimp.; *Hypnum aduncum* Hedw.; *Amblystegium serpens* (L.) B. & S.
- Mr. A. S. Foster, Cathlamet, Oregon. *Pogonatum erythrodontium* Kindb.; *Alectoria Fremontii* Tuckerm. Collected, Mt. Hood, Oregon.
- Mrs. Mary L. Stevens, 39 Columbia street, Brookline, Mass. *Hypnum crista-castrensis* L.; *Brachythecium reflexum* Starke.
- Rev. H. Dupret, Seminary of Philosophy, Montreal, Canada. *Amblystegium riparium* var. *longifolium* Sch. *Hypnum ochraceum* Turn. Collected near Montreal. U. S. postage accepted.
- Miss Mary F. Miller, 1109 M. street, Washington, D. C. *Scapania nemorosa* (L.) Dumort.; *Bazzania trilobata* (L.) S. F. Gray. Collected, Shandaken, New York. *Frullania riparia* Hampe. Collected, Rileyville, Va.
- Dr. J. W. Bailey, 405 Walker Bl., Seattle, Wash. *Dicranum strictum* Schleike.

LIST OF SULLIVANT MOSS CHAPTER MEMBERS.

- Adams, Miss Carrie E., R. F. D. I. Hinsdale, N. H.
- Adams, Mr. F. M. Box 225, Sharon, Mass.
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- Anderson, Mr. John A. High School, Dubuque, Iowa.
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- Barbour, Mr. Wm. C. Sayre, Pa.
- Barnes, Prof. Charles R. Dept. Botany, Univ. Chicago, Ill.
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- Best, Dr. George N. Rosemont, New Jersey.
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| | |
|-------------------------------------|--------------------------------------------|
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